

IN THE CLAIMS:

Claims 1-10 (Cancelled)

Claim 11. (New) A vehicle combination comprising:

a self-propelled harvester (32) and

a transport vehicle (33) adapted to receive harvested crops from the harvester, the transport vehicle having at least one driven and at least one steered axle;

an electronic control unit (38) on the transport vehicle for controlling the driven and steered axle of the transport vehicle; and

a receiving unit in communication with the control unit (38), the receiving unit used to receive position data of the harvester such that the control unit can be operated to automatically control the transport vehicle in relation to the position of the harvester so as to receive harvested crops from the harvester, wherein the control unit is operated to automatically drive the transport vehicle to collect crops from the harvester during travel, and wherein the transport vehicle (33) is unmanned.

Claim 12. (New) The vehicle combination according to Claim 11, wherein the receiving unit is designed to receive information containing position coordinates from a position determination system.

Claim 13. (New) The vehicle combination according to Claim 12 wherein the harvester (32) is provided with a satellite position determination system and position signals are communicated to the receiving unit of the transport vehicle (33).

Claim 14. (New) The vehicle combination according to Claim 12 wherein the harvester (32) is provided with a GPS position determination system.

Claim 15. (New) The vehicle combination according to Claim 12 wherein the harvester (32) is provided with a laser position determination system.

Claim 16. (New) The vehicle combination according to Claim 12 wherein the transport vehicle (33) is provided with a laser beam guidance system.

Claim 17. (New) The vehicle combination according to Claim 12 wherein the transport vehicle (33) is provided with an electronic camera with image processing system.

Claim 18. (New) The vehicle combination according to Claim 12 wherein the control unit (38) is operated to calculate a sequence of movement vectors for the transport vehicle to approach the harvester (32) using a stored identifier for the harvester (32).

Claim 19. (New) The vehicle combination according to Claim 18 wherein the identification data of the harvester (32) is stored in the control unit (38).

Claim 20. (New) The vehicle combination according to Claim 1 wherein the harvester (32) is equipped with a movable transfer tube (99) for the transfer of harvested crops to the transport vehicle (33), and wherein the relative position of the transfer tube (99) can be adjusted automatically for the uniform loading of the transport vehicle.

Claim 21. (New) The vehicle combination according to Claim 1 wherein sensors are provided on axles and wheels of the transport vehicle (33) for the determination of movement vectors.

Claim 22. (New) The vehicle combination according to Claim 1 wherein sensors are provided on axles and wheels of the transport vehicle (33) for the determination of rotational speeds.

Claim 23. (New) The vehicle combination according to Claim 1 wherein sensors are provided on axles and wheels of the transport vehicle (33) for the determination of torques.

Claim 24. (New) The vehicle combination according to Claim 1 wherein sensors are provided on axles and wheels of the transport vehicle (33) for the determination of respective masses.

Claim 25. (New) The vehicle combination according to Claim 1 wherein the wheels of the transport vehicle (33) can be driven and steered individually.

Claim 26. (New) The vehicle combination according to Claim 1 wherein interchangeable crop containers (100) can be mounted on a vehicle chassis of the transport vehicle (33).

Claim 27. (New) The vehicle combination according to Claim 1 wherein the transport vehicle (33) is provided without an operator workplace.